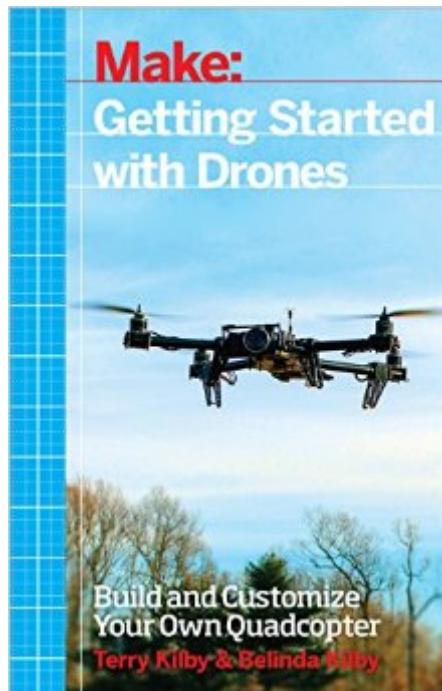# Getting Started With Drones: Build And Customize Your Own Quadcopter

Synopsis

Want to make something that can fly? How about a flying robot? In this book, you'll learn how drones work, how to solve some of the engineering challenges a drone presents, and how to build your own--an autonomous quadcopter that you can build, customize, and fly. Your drone will be your eyes in the sky and in places where a human could never get to-much less fit!

Book Information

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Average Customer Review: 4.4 out of 5 stars See all reviews (18 customer reviews)

Best Sellers Rank: #46,374 in Books (See Top 100 in Books)   #3 in Books > Engineering & Transportation > Engineering > Military Technology   #6 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics > Sensors   #13 in Books > Textbooks > Engineering > Aeronautical Engineering

Customer Reviews

Fly Safely!   Safe and responsible flight should always be your No. 1 concern when preparing to take your drone to the air, say authors Terry and Belinda Kilby.   Here are some of their key rules to keep in mind: - Always fly below 400 feet. Full-scale aircraft fly above 500 feet. This creates a 100-foot buffer zone in the airspace between manned and unmanned aircraft.   - Fly your aircraft within your line of sight, constantly able to see your aircraft while operating it. Colored landing gear or LED lights help identify the front and back of the multirotor, which assists in maintaining your orientation.   - Never fly within five miles of any airport, within three miles of large stadiums an hour before and after events, and never in national parks or military bases.   - Take a flight lesson. This will help to reinforce the principles of flight and will let you experience navigating the airspace from a full-scale pilot¢ ™s point of view.   - Always inspect your equipment to make sure every component is in proper working order prior to every flight.   - Do it for fun! Don¢ ™t fly for commercial purposes without authorization from the FAA.   - Never fly recklessly. Not only is it dangerous and disrespectful to the people and property in the area, but you may be issued a

citation and a hefty fine. Fly safely.

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